

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061022\
 Data File : VW023443.D
 Acq On : 10 Jun 2022 13:17
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV426

Quant Time: Jun 10 23:58:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 10 13:00:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	332640	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	326924	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	167968	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	124563	23.571	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.280%
7) Chloroethane-d5	2.885	69	100063	25.758	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.040%
11) 1,1-Dichloroethene-d2	4.019	63	176810	23.970	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.880%
21) 2-Butanone-d5	7.074	46	54740	50.733	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.460%
24) Chloroform-d	7.647	84	227784	24.876	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.520%
26) 1,2-Dichloroethane-d4	8.305	65	125178	25.383	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.520%
32) Benzene-d6	8.275	84	419254	24.186	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.760%
36) 1,2-Dichloropropane-d6	9.274	67	127706	25.006	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.040%
41) Toluene-d8	10.323	98	421848	24.915	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.680%
43) trans-1,3-Dichloroprop...	10.579	79	58891	25.265	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.040%
47) 2-Hexanone-d5	10.921	63	47508	58.216	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.440%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	125877	26.390	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	150938	24.893	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.560%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	36253	29.890	ug/L	92
3) Chloromethane	2.215	50	101829	25.380	ug/L	100
5) Vinyl chloride	2.361	62	155134	24.810	ug/L	98
6) Bromomethane	2.776	94	92269	26.071	ug/L	96
8) Chloroethane	2.922	64	83289	25.144	ug/L	96
9) Trichlorofluoromethane	3.257	101	64042	22.709	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	99154	24.387	ug/L #	87
12) 1,1-Dichloroethene	4.038	96	87204	24.076	ug/L	95
13) Acetone	4.123	43	35777	46.023	ug/L	99
14) Carbon disulfide	4.379	76	271195	24.340	ug/L	99
15) Methyl Acetate	4.666	43	43274	24.933	ug/L	99
16) Methylene chloride	4.915	84	105581	23.453	ug/L	96
17) trans-1,2-Dichloroethene	5.422	96	103780	24.200	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	167202	25.905	ug/L	98
19) 1,1-Dichloroethane	6.214	63	186740	24.311	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	115698	24.670	ug/L #	96
22) 2-Butanone	7.171	43	59484	49.992	ug/L	99
23) Bromochloromethane	7.513	128	53057	24.558	ug/L	94
25) Chloroform	7.671	83	211777	24.431	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	143537	25.037	ug/L	100
29) Cyclohexane	7.952	56	161935	24.592	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	179842	23.765	ug/L	99
31) Carbon tetrachloride	8.067	117	160559	23.030	ug/L	99
33) Benzene	8.323	78	452873	23.980	ug/L	100
34) Trichloroethene	9.092	95	119004	23.510	ug/L	98
35) Methylcyclohexane	9.335	83	196250	23.947	ug/L	97
37) 1,2-Dichloropropane	9.366	63	109334	23.690	ug/L	99
38) Bromodichloromethane	9.646	83	158674	24.445	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	176402	24.942	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	141292	53.675	ug/L	99
42) Toluene	10.384	91	515893	24.450	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	162849	25.518	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	91721	24.194	ug/L	98
46) Tetrachloroethene	10.860	164	89981	23.026	ug/L	89
48) 2-Hexanone	10.969	43	101171	56.870	ug/L	95
49) Dibromochloromethane	11.128	129	110158	24.811	ug/L	98
50) 1,2-Dibromoethane	11.231	107	90317	25.485	ug/L	97
51) Chlorobenzene	11.658	112	342780	24.072	ug/L	97
52) Ethylbenzene	11.731	91	583239	24.321	ug/L	98
53) m,p-Xylene	11.835	106	228147	24.444	ug/L	98
54) o-Xylene	12.164	106	222781	24.978	ug/L	100
55) Styrene	12.176	104	393794	25.393	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	120898	26.260	ug/L	95
59) Bromoform	12.347	173	60157	25.196	ug/L	96
60) Isopropylbenzene	12.463	105	608333	25.302	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	83747	26.204	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	511759	26.026	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	504246	25.625	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	263821	24.735	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	271973	24.972	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	252989	25.896	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	19015	26.944	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.627	180	170371	24.445	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	140556	25.900	ug/L	99
71) Naphthalene	15.365	128	298887	27.997	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	123497	26.176	ug/L	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

